

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: BRAJ BHUSHAN LOHRAY, et al

For: NOVEL TRICYCLIC COMPOUNDS AND THEIR USE IN MEDICINE; PROCESS
FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS
CONTAINING THEM

Attorney Docket No.: U 013701-9

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the above-identified application as follows.

IN THE CLAIMS

It is requested that all pending claims be cancelled and replaced by the following claim:

CERTIFICATE UNDER 37 CFR 1.10

I hereby certify that this paper is being deposited with the United States Postal Service on this date NOVEMBER 19, 2001 in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" Mailing Label Number EV 0110119192 US addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231

CONNIE YANNOTTI

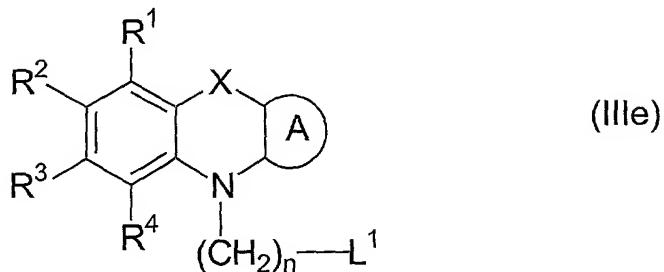
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34. A compound of formula (IIIe)



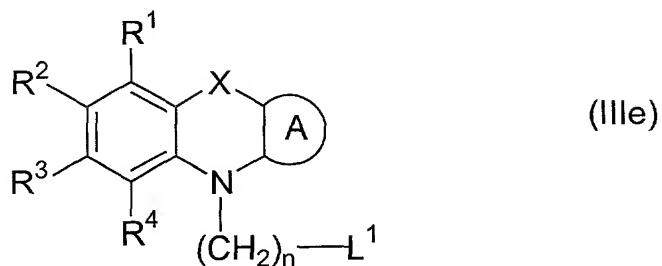
its derivatives, its analogues, its tautomeric forms, its stereoisomers, its polymorphs, its pharmaceutically acceptable salts or its pharmaceutically acceptable solvates, wherein R¹, R², R³, and R⁴ are the same or different and represent hydrogen, halogen, hydroxy, cyano, nitro formyl, or optionally substituted groups selected from alkyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyclyl, heteroaryl, heteroaralkyl, heteroaryloxy, heteroaralkoxy, acyl, acyloxy, hydroxyalkyl, amino, acylamino, arylamino, aralkylamino, aminoalkyl, alkoxy carbonyl, aryloxy carbonyl, aralkyloxy carbonyl, alkylamino, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, aralkoxycarbonylamino, alkoxy carbonyl amino, aryloxycarbonylamino, carboxylic acid or its derivatives, or sulfonic acid or its derivatives; the ring A fused to the ring containing X and N represents a 5-6 membered carbocyclic structure which may optionally be substituted; the ring A may be saturated or contain one or more double bonds or may be aromatic; X represents a heteroatom selected from oxygen, sulfur or NR⁹ where R⁹ is hydrogen, alkyl, aryl, aralkyl, acyl, alkoxy carbonyl, aryloxy carbonyl, or aralkoxy carbonyl; n is an integer ranging from 1 to 4 and L¹ is a halogen atom or a leaving group.

Respectfully submitted,

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A B S T R A C T

A compound of formula (IIIe)



its derivatives, its analogues, its tautomeric forms, its stereoisomers, its polymorphs, its pharmaceutically acceptable salts or its pharmaceutically acceptable solvates, wherein R¹, R², R³, and R⁴ are the same or different and represent hydrogen, halogen, hydroxy, cyano, nitro formyl, or optionally substituted groups selected from alkyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyclyl, heteroaryl, heteroaralkyl, heteroaryloxy, heteroaralkoxy, acyl, acyloxy, hydroxyalkyl, amino, acylamino, arylamino, aralkylamino, aminoalkyl, alkoxycarbonyl, aryloxycarbonyl, aralkyloxycarbonyl, alkylamino, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, aralkoxycarbonylamino, alkoxycarbonyl-amino, aryloxycarbonylamino, carboxylic acid or its derivatives, or sulfonic acid or its derivatives; the ring A fused to the ring containing X and N represents a 5-6 membered carbocyclic structure which may optionally be substituted; the ring A may be saturated or contain one or more double bonds or may be aromatic; X represents a heteroatom selected from oxygen, sulfur or NR⁹ where R⁹ is hydrogen, alkyl, aryl, aralkyl, acyl, alkoxycarbonyl, aryloxycarbonyl, or aralkoxycarbonyl; n is an integer ranging from 1 to 4 and L¹ is a halogen atom or a leaving group.